

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY DOCKET NO. TSRI 923.1	SERIAL NO. 10/534,766
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Bracey, et al.	
				FILING DATE 11/14/2003	GROUP Unassigned
U.S. PATENT DOCUMENTS					



EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	5,221,410	6/22/93	Kushner et al.			
	6,251,931	6/26/01	Boger et al.			
	6,271,015	8/7/01	Gilula et al.			
	6,462,054	10/8/02	Boger et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

1	Bracey et al., "Structural adaptations in a membrane enzyme that terminates endocannabinoid signaling." <i>Science</i> , 298, pp. 1793-1796 (2002).
2	Boger et al., "Exceptionally potent inhibitors of fatty acid amide hydrolase: The enzyme responsible for degradation of endogenous oleamide and anandamide." <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 97, pp. 5044-5049, (2000).
3	Collaborative Computational Project, Number 4., "The CCP4 Suite: Programs for Protein Crystallography", <i>Acta Cryst.</i> , D50, pp. 760-763 (1994).
4	Cravatt et al., "Molecular characterization of an enzyme that degrades neuromodulatory fatty-acid amides." <i>Nature</i> , 384, pp. 83-87, (1996).
5	Cravatt et al., "Fatty acid amide hydrolase: an emerging therapeutic target in the endocannabinoid system." <i>Current Opinion in Chemical Biology</i> , 7, pp. 469-475, (2003).
6	Ergertová et al., "A new perspective on cannabinoid signalling: complementary localization of fatty acid amide hydrolase and the CB1 receptor in rat brain." <i>Proc. R. Soc. Lond. B. Biol. Sci.</i> , 265, pp. 2081-2085, (1998).
7	Garavito et al., "Strategies for crystallizing membrane proteins." <i>Journal of Bioenergetics and Biomembranes</i> , 28, pp. 13-27, (1996).
8	Giang et al., "Molecular characterization of human and mouse fatty acid amide hydrolases." <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 94, pp. 2238-2242, (1997).
9	Kraulis, "MOLSCRIPT: a program to produce both detailed and schematic plots of protein structures." <i>J. Appl. Cryst.</i> , 24, pp. 946-950, (1991).
10	Labahn et al., "An Alternative Mechanism for Amidase Signaling Enzymes", <i>J. Mol. Bio.</i> , 322, pp. 1053-1064, (2002).
11	Makino et al., "Automated flexible ligand docking method and its applications for database search." <i>J. Comput. Chem.</i> , 18, pp. 1812-1825, (1997).
12	McDonald et al., "Crystal structure of dimeric human ciliary neurotrophic factor determined by MAD phasing." <i>EMBO J.</i> , 14, pp. 2689-2699, (1995).
13	Merritt et al., "Raster3D: Photorealistic Molecular Graphics", <i>Methods in Enzymology</i> , 277, pp. 505-524, (1997).

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DJS/

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14	Nicholls et al., "Protein Folding and Association: Insights From Interfacial and Thermodynamic Properties of Hydrocarbons", <i>Proteins Struct. Funct. Genet.</i> , 11, pp. 281-296, (1991).
15	Patricelli et al., "Comparative Characterization of a Wild Type and Transmembrane Domain-Deleted Fatty Acid Amide Hydrolase: Identification of the Transmembrane Domain as a Site for Oligomerization", <i>Biochemistry</i> , 37, pp. 15177-15187, (1998).
16	Patricelli et al., "Chemical and Mutagenic Investigations of Fatty Acid Amide Hydrolase: Evidence for a Family of Serine Hydrolases with Distinct Catalytic Properties", <i>Biochemistry</i> , 38, pp. 9804-9812, (1999).
17	Patricelli et al., "Fatty Acid Amide Hydrolase Competitively Degrades Bioactive Amides and Esters through a Nonconventional Catalytic Mechanism", <i>Biochemistry</i> , 38, pp. 14125-14130, (1999).
18	Patricelli et al., "Characterization and Manipulation of the Acyl Chain Selectivity of Fatty Acid Amide Hydrolase", <i>Biochemistry</i> , 40, pp. 6107-6115, (2001).
19	Picot et al., "The X-ray crystal structure of the membrane protein prostaglandin H ₂ synthase-1." <i>Nature</i> , 367, pp. 243-249, (1994).
20	Rice et al., "Single-wavelength anomalous diffraction phasing revisited." <i>Biological Crystallography</i> , D56, pp. 1413-1420, (2000).
21	Rowland, "Using X-ray crystallography in drug discovery." <i>Current Opinion in Drug Discovery and Development</i> , 5, pp. 613-619 (2002).
22	Shin et al., "Structure of malonamidase E2 reveals a novel Ser-cisSer-Lys catalytic triad in a new serine hydrolase fold that is prevalent in nature." <i>Embo J.</i> , 21, pp. 2509-2516, (2002).
23	Sipe et al., "A missense mutation in human fatty acid amide hydrolase associated with problem drug use." <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 99, pp. 8394-8399, (2002).
24	Tieleman et al., "A Molecular Dynamics Study of the Pores Formed by <i>Escherichia coli</i> OmpF Porin in a Fully Hydrated Palmitoyloleoylphosphatidylcholine Bilayer", <i>Biophysics Journal</i> , 74, pp. 2786-2801, (1998).
25	Wendt et al., "Structure and Function of a Squalene Cyclase", <i>Science</i> , 277, pp. 1811-1815, (1997).

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